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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/743,611	12/22/2003	Jeffrey Todd Haselby	200309297-1	7555

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EXAMINER

BUI, HUNG S

ART UNIT	PAPER NUMBER
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2841

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/23/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

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Office Action Summary	Application No. 10/743,611	Applicant(s) HASELBY ET AL.	
	Examiner Hung S. Bui	Art Unit 2841	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 November 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-12 and 14-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3, 5-12, 14 and 16-17 and 19-24 is/are rejected.
- 7) ☒ Claim(s) 4,15 and 18 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12/23/2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 11/22/2006 has been entered.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 3, 5-7 and 22-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Knapp, Jr. et al. [US 4,616,207].

Regarding claims 1, 3, 5 and 22-23, Knapp, Jr. et al. disclose a bracket assembly (figure 6), comprising: a bracket (63) having a bulkhead retaining portion (a section having a threaded hole underneath of fuse clip 68); a protective device (fuse 12, figure 1); and a retaining element/nut (a screw threaded into the corresponding threaded hole of figure 6) operable to couple the protective device to the bracket, wherein the bracket

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further comprises a protective device mounting tab portion (a down section 76, figure 6) to which the protective device is coupled by the retaining portion.

Regarding claims 6-7 and 24, Knapp, Jr. et al. further disclose wherein the protective device comprises a plurality of protective devices, the protective device mounting portion further comprises a plurality of tab portions of the bracket, and wherein the retaining element further comprises a plurality of retaining elements (figure 10).

4. Claims 8-11, 16 and 20-21 are rejected under 35 U.S.C. 102(b) as being anticipated by Pearsall, Jr. [US 3,965,397].

Regarding claims 8 and 16, Pearsall Jr. discloses a power cabling assembly (figures 1-3), comprising: a bracket assembly (frame 12) having a plurality of protective devices (fuses being hold in fuse holder 17, 18) integral thereto; a power connector (13); a bracket power connector fastening element (two screws mounted both sides of a flange portion/support adjacent to a bracket assembly) operable to couple the power connector to a bulkhead and the bulkhead to the bracket assembly, wherein the bracket assembly further comprises a plurality of protective device mounting portions (fuse holders) to which the protective device is coupled by a protective device retaining element (bolt/nut to secure the fuse holders, figure 3).

Regarding claim 9, Pearsall Jr. disclose the flange portion/support of the power connector may be insert into the receiving portion of the bulkhead to remain the power connector (figures 2-3).

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Regarding claims 10-11, Pearsall Jr. disclose wherein the power cabling assembly comprises at least two first and second cables coupled to the power connector and a plurality of cables coupled to the protective devices (figure 3).

Regarding claims 20-21, the claimed method steps would have been inherent in the product structures.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 14 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pearsall Jr. in view of Sundt [US 2,783,331].

Regarding claims 14 and 17, Pearsall Jr. disclose the instant claimed invention except for the specific of the protective device mounting portion being a tab portion.

Sundt disclose a protective device assembly (figures 2, 4) having at least one protective device (48) being held by a protective device mounting portion, wherein the protective device mounting portion is formed of a tab portion (figure 4).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to the protective device mounting tab portion design of Sundt in the cabling assembly of Pearsall Jr., for a plurality of protective devices, in order to save space of mounting the protective device onto the bracket assembly.

7. Claims 12 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pearsall Jr. in view of Lo et al.[US 6,875,052].

Regarding claim 12, Pearsall Jr. disclose the instant claimed invention except for first and second output connectors coupled to a plurality of cables of the assembly.

Lo et al. disclose a power cabling assembly (figure 5) having a plurality of power connectors (13) connected with a plurality of cables (11), and a plurality of output connectors (12) coupled to the plurality of cables.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to add additional output connectors to the cables of the cabling assembly of Pearsall Jr., as suggested by Lo et al., for the purpose of providing electrical interconnection.

Regarding claim 19, the claim method steps would have been necessitated by the product structures.

Allowable Subject Matter

8. Claims 4, 15 and 18 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

9. Applicant's arguments with respect to claims 1, 3-12 and 14-24 have been considered but are moot in view of the new ground(s) of rejection.


Conclusion

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung S. Bui whose telephone number is (571) 272-2102. The examiner can normally be reached on Monday-Friday 8:30AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean A Reichard can be reached on (571) 272-1984. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

02/04/07
Hung Bui
Art Unit 2841


Tuan Dinh
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